

monolayer capacity

For *chemisorption* the amount of adsorbate which is needed to occupy all adsorption sites as determined by the structure of the adsorbent and by the chemical nature of the adsorbate. For *physisorption*, the amount needed to cover the surface with a complete monolayer of atoms or molecules in close-packed array, the kind of close packing having to be stated explicitly when necessary.

O.B. 252; 1972, 31, 587; 1976, 46, 75